

CLARK[®] POWERED MATERIAL HANDLING EQUIPMENT

CONDENSED CATALOG



CLARK[®]
EQUIPMENT

INDUSTRIAL TRUCK DIVISION / BATTLE CREEK, MICHIGAN

Clark Equipment Company...

Since 1903, Clark Equipment Company has led not only in the production of quality equipment, but more importantly, in innovating mechanized material handling, which brought into being a completely new concept of plant efficiency.

Clark invented the first 3-wheel material handling truck in 1919, which led to development by Clark of the famous Tructractor® and, later, the lift truck. While primitive by today's sophisticated standards, these units were a breakthrough of immeasurable importance to industrial growth throughout the world.

This type of leadership thinking remains a way of life at Clark today — one intangible ingredient which makes the Clark unit you employ now a superior value not only for today, but over its entire service life. Combined with Clark's total value quality control techniques, this dedication to leadership results in products which are demonstrably superior in concept, performance and durability. Take time to compare feature for feature, and you will realize why, to the world's great companies, "Clark is material handling."

There is a CLARKLIFT® truck for every handling need

Over 160 basic models plus more than 600 variations mean that your specific handling requirements can be met, and by a Clark dealer near you.

Choose from gasoline, diesel, electric or L.P. gas powered units . . . models with solid or pneumatic tires . . . with special handling devices as desired.

PURCHASE, LEASE OR RENT plus ... SERVICE ... A CLARK BONUS FEATURE

ALL CLARKLIFT® trucks are available under lease plans or may be rented for a day, week, month or longer. Thus, you can avail your company of specific material handling equipment for your operating needs.

Your Clark dealer can assist you in planning the most efficient equipment utilization. Let him help you work out a plan of material handling equipment acquisition tailored to your financial structure.

150 factory-supervised dealer service locations with large parts inventories and modern service facilities including mobil service units, offer scheduled preventive maintenance programs to keep your Clarklift in top operating condition. 16,000 miles of private teletype network connect all Clark dealers with the factory service engineering department and the most modern central parts system in the world.

CHECK THESE FEATURES THAT GIVE LONGER LIFE TO YOUR EQUIPMENT.

Precision components of Clarklift equipment are protected from excessive wear by three series of filters:

AIR INTAKE

Dirt and dust are filtered out of combustion air intake, hydraulic tank and crankcase breathers.

FUEL INTAKE

Filler neck and gas line filters protect the engine from fuel impurities.

INTERNAL CIRCULATION

Circulating fluids are filtered by 1) engine oil filter; 2) a hydraulic system full flow filter (not on some models); 3) a transmission fluid filter; and 4) a water conditioner and filter is standard on some diesel engines, and is offered as optional on all equipment.

CLARK[®] is material handling

**CLARK[®]
EQUIPMENT**

Industrial Truck Division
Battle Creek, Michigan

CLARKLIFT[®]

ELECTRIC POWERED CUSHION TIRES

Years of service under the most adverse field conditions have proved CLARKLIFT battery powered fork lift trucks to be superior in design, ruggedness and ease of operation. They're quiet . . . fume free . . . smooth and fast! Moreover, Clark is constantly striving to improve what is already the best in the field. Take the new CLARKLIFT upright . . . it's now one third faster . . . reducing the vertical lift time to an absolute minimum. This added speed is particularly advantageous in industries like the grocery business where the trend has been more and more to 22-foot ceilings in warehouse construction . . . calling for greater speed in vertical transport. Again, Clark leads the way to meet the changing demands of the constantly changing business of material handling.

OPERATOR EFFICIENCY INCREASED

Clark trucks are designed to reduce operator fatigue . . . increase his efficiency. Controls are grouped where they are most natural for the operator to handle . . . clutter-free design permits greater visibility . . . optional power steering on many models aids efficiency, especially when operating in close quarters. Even the seat has been scientifically designed to provide proper support for the back and hips. Make your next lift truck a CLARKLIFT electric and watch the improved efficiency and morale of your warehouse personnel.

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CLARKLIFT electric trucks provide controlled power

CLARKLIFT electric powered fork lift trucks with hydraulic-controlled carbon-resistor drive control units, give the smoothest acceleration within a given range. The accelerator exerts a compressive force to the carbon elements through a closed circuit hydraulic system for infinitely variable inching control. The drive motors are dual-field, series-wound. Both windings are energized during acceleration to provide maximum torque. When the truck is operating at top speeds, one winding is shunted out of the circuit for greater efficiency and economy. This efficiency is further multiplied by final gear reduction at the drive wheel.

CLARKLIFT Upright keeps loads "rock-steady"

The CLARKLIFT upright is built of a special, custom-rolled, high-alloy steel. The channels are nested to support each other . . . for extra strength and retainment. They glide freely on self-lubricated, sealed-for-life rollers, scientifically positioned to give maximum upright channel retainment throughout the entire lifting cycle.

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Industrial Truck
Battle Creek, Michigan

CLARK[®] ELECTRIC POWRWORKER[®]

Where heavier forklifts cannot operate, compact design and light weight of the versatile Powrworker[®] Hand Truck, makes it possible to move material over low capacity flooring and up and down elevators without transferring the load from one truck to another.

The Clark POWRWORKER is extremely maneuverable and is especially suited where vertical or horizontal transportation is needed in space-shy stock rooms. The narrow width of the POWRWORKER facilitates stock alignment with as little as one inch to either side.

EASY-TO-OPERATE

The bayonet-type handle is easy to hold, and places controls at the operator's fingertips. Heavy-duty push button switches control powered lifting and lowering of the load on low lift models. Twin butterfly control levers are positively notched for two speed travel . . . both in forward and reverse.

CLARK[®] is material handling

CLARK® INDUSTRIAL TOW TRACTORS

CLARK POWRWORKER®

TWO BRAKE SYSTEMS

Mechanical brakes are applied and power is cut off by fully raising or lowering control handle. Releasing the handle automatically returns it to the "brake" position. Fully splined drive wheel and gear train are specifically designed to withstand reverse torque electric braking, applied by reversing the travel control lever.

POWER DRIVE UNIT

All electrical leads from the drive motor and controls are direct to the battery, eliminating the need for a power-wasting collector ring or long flexing wires. The series-wound, high-torque motor is ball bearing mounted for long, efficient life. Double reduction spur gears, crown shaved for quietness and efficiency, are drop-forged alloy steel, heat treated for hardness and durability. These compact Clark units are engineered and built to pack a lot of power in a small package.

For dependable, economical tractor power under varying operational and surface conditions, select from a complete line of Clark Tow Tractors . . . your assurance of meeting rugged day-by-day towing schedules. Twelve models, ranging from five to 750 tons towing capacity, are backed by over 160 Clark Dealer-Service organizations in the United States and Canada.

Thousands of Clark Engineering design and test hours have produced a unitized welded frame for strength; Clark-built drive and steer axles connected with heavy-duty transmissions and engines for top performance; and effective gauge, control and seating arrangement for greatest production-boosting operator efficiency available.

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Industrial Truck Division
Battle Creek, Michigan

CLARK® is material handling

VALUE

Tow tractors built by Clark are adapted to multi-purpose material handling through the use of the following optional equipment:

- Driving, Clearance and Beacon Lights
- Auxiliary Ground Power Units
- Cabs, Heaters and Defrosters
- Passenger Seats
- Snow Plows
- Winches

CLARK[®] is material handling



Industrial Truck Division
Battle Creek, Michigan

CLARK[®] STRADDLE CARRIERS

VERSATILE ... FAST HORIZONTAL TRANSPORTERS

Clark Straddle Carriers have broad application in the efficient transport of a variety of materials. For lumber, framing, finished and rough; steel slabs, coils, beams and fabricated steel; prestressed concrete beams, slabs, bulk and unit loads; agriculture products; scrap, containers, or any of hundreds of heavy items, the Clark Straddle Carrier has already proved itself the most efficient "over-the-load" mover of heavy, bulky loads. In fact, the versatility of these carriers is so great they have changed the operations of many plants, eliminating the extra cost and idle time involved with short haul railways and overhead cranes.

INDOORS ... OUTDOORS ... IN THE PLANT ... ON THE ROAD

A Clark Straddle Carrier can be used anywhere a wheeled vehicle can travel. The four-wheel steering gives it the maneuverability required for working in the plant. The big, truck-type pneumatic tires give it the traction and flotation needed for working in the yard. And, with road speeds ranging up to 38 miles per hour, the Clark Straddle Carrier can move heavy loads at modern, traffic-flow speeds.

CLARK[®] is material handling

A MATERIAL HANDLING SYSTEM

Operated by one man, the Clark-Ross Carriers are capable of moving up to 60,000-pound loads over roads or in plant areas at relatively high speeds. In five seconds the carrier loads itself and moves off at road speed. When the carrier reaches its destination, it accurately places the load in just three seconds, and is off to repeat the cycle.

... FOR BULKY MATERIAL

Since the Carrier straddles the load to pick up both sides simultaneously, there is almost no limit to the length of the item that it can transport. It is ideally suited for extra long material such as beams, rails, pipe and lumber.

Coils and spools are handled with equal efficiency with the ram carrier, as are non-palletized unit loads with the pivoted hook.

For extra-wide loads or other applications, special Straddle Carriers can be designed and built to meet your specifications.

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CLARK[®]
EQUIPMENT

Industrial Truck Division
Battle Creek, Michigan

CLARKLIFT[®]

APPLICATION ENGINEERED HANDLING DEVICES

The rapid growth of industry over the past few years, and its demand for faster, more efficient production equipment, has brought about a standardization of what were once "special-construction" handling devices. Thus, even the smallest operation can now take advantage of specialized handling equipment at production line costs.

Among these are rotating hydraulic clamps, palletless carton clamps, Pul-Pacs[®], bag handlers, vacuum paper roll handlers and hundreds of other devices that make lift truck a multiple purpose investment. Clark's constant awareness of the need for even more highly specialized tools assures you of maximum utility from your investment, because . . .

CLARK[®] is material handling

HAVE A SPECIAL PROBLEM?

Even with all of the material handling problems that Clark engineers have solved, today's expanding industrial growth constantly develops new situations calling for new concepts.

Clark engineers are the most experienced material handling men in the world and are trained to meet those new challenges with new solutions. Witness the number of special handling devices they have designed and built!!

So, if you feel that your product presents unusual problems and have not been able to find equipment to efficiently handle them, call on Clark.

CLARK APPLICATION ENGINEERED HANDLING DEVICES

For the most economical solution to any material handling job, call your nearest Clark dealer. He is backed by the largest manufacturer of material handling trucks and can best solve your problem.

CLARK[®] is material handling



Industrial Truck Division
Battle Creek, Michigan

FULL LINE OF HANDLING DEVICES

Shown on these pages are only a few of the many special application attachments which are available for CLARKLIFT trucks. These have been selected simply to show the wide range of applications available.



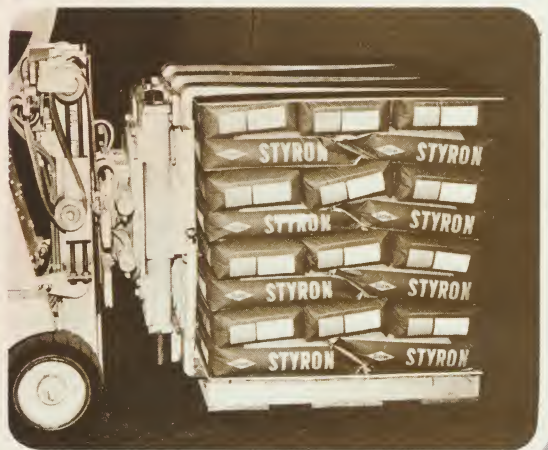
- 1 Palletless Carton Clamp
- 2 Appliance Handling Device
- 3 Bag Handler

- Paper Roll Clamp
Vacuum Paper Roll Handler
Carton Pac

- Drum Handling Clamp
Hydraulic Shovel
Pul-Pac®

OF HANDLING DEVICES FOR SPECIAL APPLICATIONS

Many special applica-
CLARKLIFT trucks. These
range of applications



Drum
Roll Handler

Drum Handling Clamp
Hydraulic Shovel
PUL-PAC®

Side Shifting Block Handling Forks
Boat Handling Forks
Rotating Device

CLARKLIFT®

APPLICATION ENGINEERED HANDLING DEVICES

ROLL CLAMPS

MODEL	Action	Device Capacity (Pounds)	Roll Diameter (Inches)	For Use on Clarklift Models
2000	90°	1,450 @ 20" L.C.	18 to 40	20, 30, 40, 50
5000*	90°	2,200 @ 21" L.C.	24 to 42	20, 30, 40, 50
B-5	180° or 270°	3,250 @ 25" L.C.	10 to 50	30, 40, 50
B-5*	180°	2,400 @ 21" L.C.	24 to 42	30, 40, 50
B-8	180° or 270°	5,000 @ 30" L.C.	12 to 60	60, 70, 80
B-10	180° or 270°	6,500 @ 30" L.C.	10 to 60	100, 120
BARTEL	Non-Rotating	3,800 @ 22½" L.C.	33 to 45	30, 40, 50
B-5 VACUUM*	180° to 270°	2,000 @ 21" L.C.	36 to 42	30, 40

*Newsprint stock only

SIDE SHIFTERS

MODEL	Device Capacity (Pounds) @ 24" Load Ctr.	Maximum Fork Spread (Inches)	For Use on Clarklift Models:	Total Shift (Inches)
B-2-30	2,500	30	20, 25	8
B-5-36	5,000	36	30, 40, 50	8
B-5-40	5,000	40	30, 40, 50	8
B-5-44	5,000	44	30, 40, 50	8
B-5-48	5,000	48	30, 40, 50	8
B-8-40	8,000	40	60, 70, 80	8
B-8-48	8,000	48	60, 70, 80	8
B-8-60	8,000	60	60, 70, 80	8
B-12-48	12,000	48	100, 120	8
B-12-60	12,000	60	100, 120	8
HEAVY DUTY SIDE SHIFTER	15,000 to 23,800	80	160 thru 250	12
SIDE SHIFTER-SLOPE PILER*	14,700 to 23,900	80	160 thru 250	12
SIDESHIFT-SWING SHIFT-SLOPE PILER†	14,400 to 23,200	80	160 thru 250	12

* 5 degrees of slope each side of center.
† 11 degrees of swing each side of center.

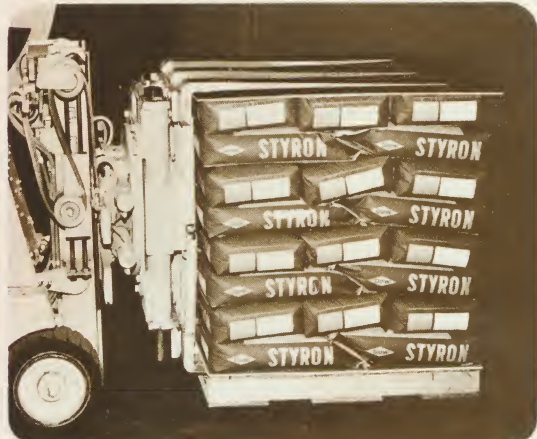
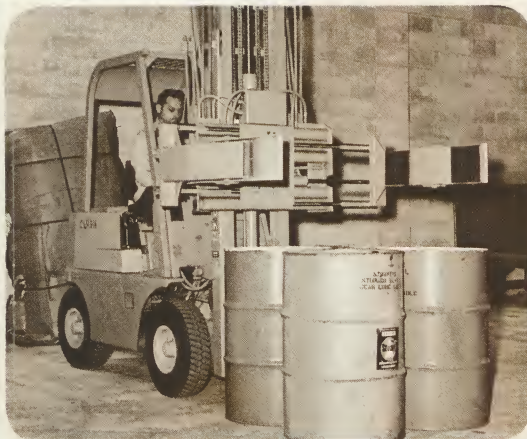
HANDLING DEVICES

CLARK
EQUIPMENT

INDUSTRIAL TRUCK DIVISION / BATTLE CREEK, MICHIGAN

OF HANDLING DEVICES FOR SPECIAL APPLICATIONS

Many special applica-
CLARKLIFT trucks. These
range of applications



Drum
Roll Handler

Drum Handling Clamp
Hydraulic Shovel
Pul-Pac®

Side Shifting Block Handling Forks
Boat Handling Forks
Rotating Device

CLARKLIFT®

APPLICATION ENGINEERED HANDLING DEVICES

ROLL CLAMPS

MODEL	Action	Device Capacity (Pounds)	Roll Diameter (Inches)	For Use on Clarklift Models
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B-5	180° or 270°	3,250 @ 25" L.C.	10 to 50	30, 40, 50
B-5*	180°	2,400 @ 21" L.C.	24 to 42	30, 40, 50
B-8	180° or 270°	5,000 @ 30" L.C.	12 to 60	60, 70, 80
B-10	180° or 270°	6,500 @ 30" L.C.	10 to 60	100, 120
BARTEL	Non-Rotating	3,800 @ 22½" L.C.	33 to 45	30, 40, 50
B-5 VACUUM*	180° to 270°	2,000 @ 21" L.C.	36 to 42	30, 40

*Newsprint stock only

SIDE SHIFTERS

MODEL	Device Capacity (Pounds) @ 24" Load Ctr.	Maximum Fork Spread (Inches)	For Use on Clarklift Models:	Total Shift (Inches)
B-2-30	2,500	30	20, 25	8
B-5-36	5,000	36	30, 40, 50	8
B-5-40	5,000	40	30, 40, 50	8
B-5-44	5,000	44	30, 40, 50	8
B-5-48	5,000	48	30, 40, 50	8
B-8-40	8,000	40	60, 70, 80	8
B-8-48	8,000	48	60, 70, 80	8
B-8-60	8,000	60	60, 70, 80	8
B-12-48	12,000	48	100, 120	8
B-12-60	12,000	60	100, 120	8
HEAVY DUTY SIDE SHIFTER	15,000 to 23,800	80	160 thru 250	12
SIDE SHIFTER-SLOPE PILER*	14,700 to 23,900	80	160 thru 250	12
SIDESHIFT-SWING SHIFT-SLOPE PILER†	14,400 to 23,200	80	160 thru 250	12

5 degrees of slope each side of center.
†11 degrees of swing each side of center.

HANDLING DEVICES

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INDUSTRIAL TRUCK DIVISION / BATTLE CREEK, MICHIGAN

HANDLING DEVICES FOR SPECIAL APPLICATIONS

MODEL	Device Capacity (Cu. Feet)	Inside Width (Inches)	For Use on Clarklift Models
HYDRAULIC SHOVEL	8 to 15	38 to 72	20 to 80
HYDRAULIC SHOVEL	54 to 81	72 to 102	100 to 250
MECHANICAL SHOVEL	10 to 19	38 to 72	20 to 80
MECHANICAL SHOVEL	54 to 81	72 to 102	100 to 250
	Capacity Tons	Reach Inches	
CRANE	Variable	18 to 72	20, 25
CRANE	Variable	24 to 60	30 to 80
CRANE	Variable	24 to 72	100, 120
RAM 3" diameter	Variable	24 to 48	20, 25
RAM 4" diameter	Variable	24 to 96	30, 40, 50
RAM 5" diameter	Variable	24 to 96	60, 70, 80
RAM 7" diameter	Variable	36 to 96	100, 120

SHOVELS — CRANES — RAMS

PUL-PAC®

MODEL	Device Capacity (Pounds) @ 24" Load Ctr.	For Use on Clarklift Models	Width (Inches)
B-5**†	3,500	20, 30, 40, 50	39¾
B-5 NARROW**†	3,500	20, 30, 40, 50	39¾
5000*	3,500	30, 40, 50	48‡
5000 SHEET RETRIEVING*	3,300	30, 40, 50	48‡
PUSHER MODELS			
B-5 NARROW**†	3,500	20, 30, 40, 50	39¾
5000*	4,060	30, 40, 50	48‡

*Available with integral side shift, **or entire unit side shift.

†Load plate or forks optional.

‡52 inches wide when installed on triple stage upright.

MODEL	Device Capacity (Pounds) at 24" Load Center	Range (Inches)	For Use on Clarklift Models
B-5-32*	4,000	17 to 56	20, 30, 40, 50
B-5-38*	4,000	18 to 68	20, 30, 40, 50
B-5 Side Shifting Carton Clamp	3,600 @ 21" L.C.	24 to 74	20, 30, 40, 50
B-5 (Slender Arm)	1,000	26 to 76	20, 30, 40, 50
B-5 Rotating Clamp†	3,500	Variable	30, 40, 50

*Integral side shift or independent arm action optional
†180°, 270° and 360° optional rotation

LATERAL CLAMPS

ROTATING DEVICES

MODEL	Action	Device Capacity @ 24" Load Ctr.	Fork Spread (Inches)	For Use on Clarklift Models
2000	360°	1,500	30	20, 25
5000	360°	3,800	36	30, 40, 50
B-5	180° or 270°	4,000	36	30, 40, 50
6000	360°	5,500	40	60, 70, 80



Industrial Truck Division
Battle Creek, Michigan

GAS/DIESEL/ELECTRIC FORK LIFTS
ELECTRIC NARROW AISLE TRUCKS
ELECTRIC HAND TRUCKS/STRADDLE CARRIERS
TOWING TRACTORS/COMPLETE LINE OF HANDLING DEVICES

FULL LINE OF STANDARD MODELS

Seven basic models provide a selection of capacities from 12,000 pounds to 60,000 pounds and load widths of 45" to 70". Gas or diesel power plants are optional on most models.



1 Series 71
2 Series 81

Series 93
Series 95

Series 100
Series 120

OF STANDARD MODELS

capacities from 12,000
of 45" to 70". Gas or
models.



Series 100
Series 120

Coil Ram
Van Carrier

CLARK® STRADDLE CARRIERS

Load, move and unload. The production-boosting maneuverability of Clark Straddle Carriers makes it possible to load up in seconds even in rough storage yards, move fast to distant destinations, and unload quickly for the next assignment.

The one-man Clark Straddle Carrier cuts loading and unloading labor costs, and eliminates "idle time" of less-versatile equipment.

STRADDLE CARRIERS

CLARK ROSS® STRADDLE CARRIERS

MODEL	Capacity	Package Size Height	Package Size Width	Wheel Base	Overall Length	Overall Width	Overall Height	Road Speed MPH	Weight Lbs.
Series 71	12,000	42/54	40/52	90	147	76/88	108/120	29	8,000/8,400
Series 81*	20,000	48/66	40/52	138	180	78/90	121/139	31	10,000/11,400
Series 81 Pivoted Hook	20,000	48/66	40/52	138	180	78/90	121/139	31	12,300/13,700
Series 93	30,000	54/72	52/64	156	200	93/105	131/149	35	16,100/17,400
Series 95	40,000	54/66	52/64	168	213	96/108	134/146	24	18,500/19,800
Series 100	50,000	60/72	58/70	174	224	110/122	140/152	20	24,000/25,400
Series 120	60,000	66/72	58/70	174	228	110/122	146/152	19	25,500/26,500
Van Carrier	60,000	108/166	96	201	432	156	246	12	57,000/65,000

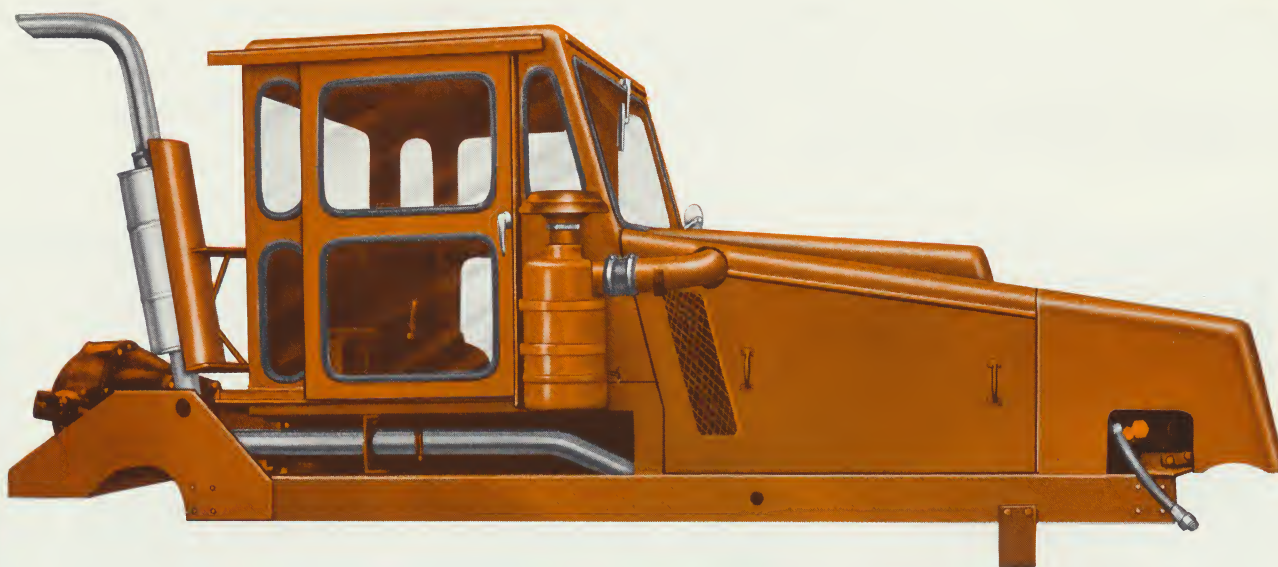
Diesel engine optional on Series 93, 95, 100, 120 and Van Carriers.

* 4 Wheel drive optional.

CLARK®
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INDUSTRIAL TRUCK DIVISION / BATTLE CREEK, MICHIGAN

NOW . . . A SUB-FRAME ASSEMBLY

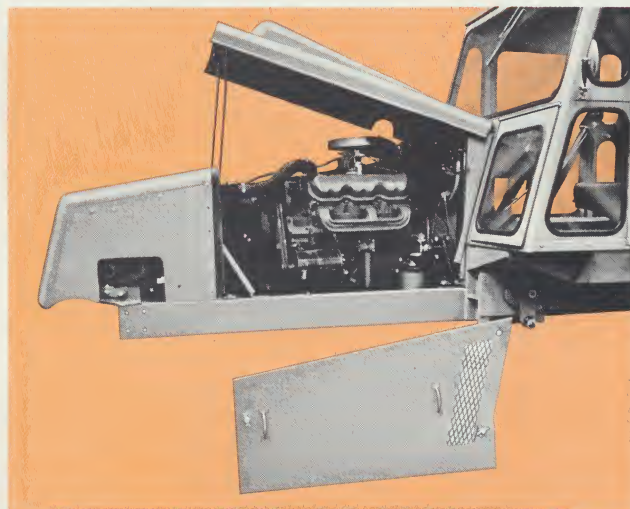


High-cycle, around-the-clock operations demand the most from material handling equipment, and Clark Straddle Carriers, on the go from dawn 'til dawn in steel mills, lumber mills and concrete products yards, with scarcely time out for re-fuel, are built to take it.

But like anything mechanical, parts wear . . . replacements are necessary . . . and "downtime" is inevitable. *Limited downtime* with the Series 100 and 120 Clark Straddle Carriers. In fleet operations using these two models, the complete drive train is contained in a sub-assembly which can be lifted off the wheel frame for repair, replaced with a spare assembly . . . the Clark Straddle Carrier is back in operation again in less than an hour!

Innovation? You bet, because . . .

CLARK *is* material handling



MAINTENANCE MADE EASY

Routine servicing time is cut to a minimum on the two popular Series 100 and 120 model Clark Straddle Carriers.

Instant and complete accessibility to the entire engine compartment is gained by removing the side panels and raising the hood. All service check points can be reached by raising the hood only, and checked while the gas tank is being filled.

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Industrial Truck Division
Battle Creek, Michigan

GAS/DIESEL/ELECTRIC FORK LIFTS
ELECTRIC NARROW AISLE TRUCKS
ELECTRIC HAND TRUCKS/STRADDLE CARRIERS
TOWING TRACTORS/COMPLETE LINE OF HANDLING DEVICES

SP4081 86550MC

PRINTED IN U.S.A.

CLARK[®]

INDUSTRIAL TOW TRACTORS

INDUSTRIAL TOW TRACTORS

TOW TRACTORS

MODEL	Drawbar Pull [●]	Maximum Towing Capacity ^{●●●}	Turning Radius	Overall Width	Overall Length	Overall Height	Service Weight
2T	200	5	43	32	60 ³ / ₁₆	40 ⁷ / ₁₆	2,200
CK 7*	700	17.5	50	29	62 ⁵ / ₈	54 ¹ / ₄	1,820
CK 20*	2,000	50	62	39	68	56 ³ / ₄	3,020
CT 20**	2,000	50	108	55 ¹ / ₂	97	59 ¹ / ₂	3,640
CK 26*	2,600	65	62	39	68	56 ³ / ₄	3,300
CK 30*	3,000	75	62	39	69	56 ³ / ₄	3,800
CT 30**	3,000	75	108	55 ¹ / ₂	97	59 ¹ / ₂	4,300
CT 40**	4,000	100	108	55 ¹ / ₂	97	59 ¹ / ₂	5,100
CT 50**	5,000	125	108	55 ¹ / ₂	97	59 ¹ / ₂	5,900
CT 80**	8,000	200	146	69	107	56 ¹ / ₂	10,000
CT 120**	12,000	300	127	92	122 ¹ / ₂	54	16,000
CT 225***	†22,500	563	158/180	94	196 ⁷ / ₈	68	†35,000 w/power unit
CT 300***	†30,000	750	158/180	94	196 ⁷ / ₈	68	†40,000 w/power unit

[●]Based on 12 inch coupler height.
^{●●●}Based on dry, level concrete surface at 20 lbs. per 1000 lbs. rolling resistance.
[†]Weight and drawbar pull figures assume inclusion of ground power unit.

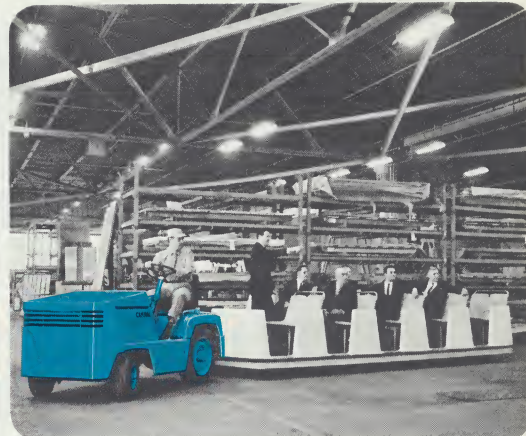
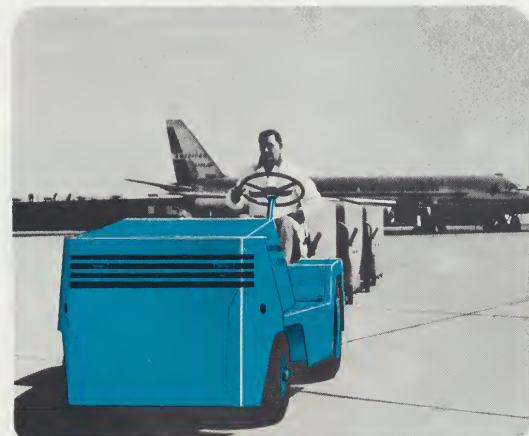
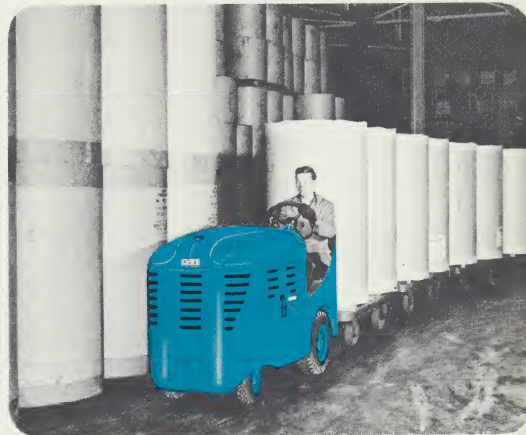
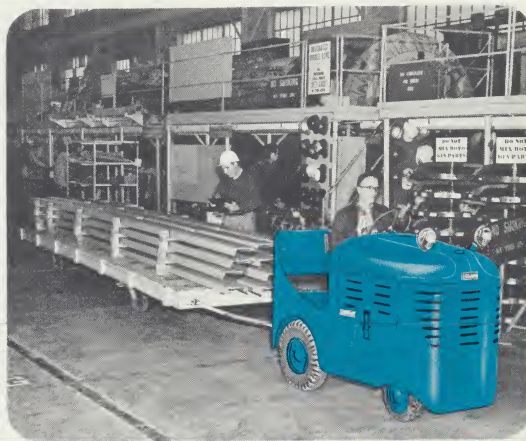
*Friction clutch standard.
 **Fluid coupling standard.
 ***Automatic transmission standard.

CLARK[®]
EQUIPMENT

INDUSTRIAL TRUCK DIVISION / BATTLE CREEK, MICHIGAN

FULL LINE OF INDUSTRIAL TOW TRACTORS

Whether you pull grocery-laden trailers inside a dry warehouse or push jet airliners on an ice-covered airport, there is a Clark tow tractor designed to fill your needs.



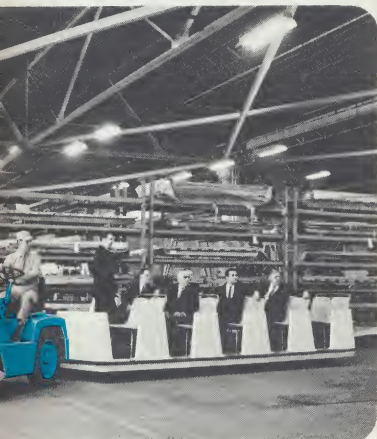
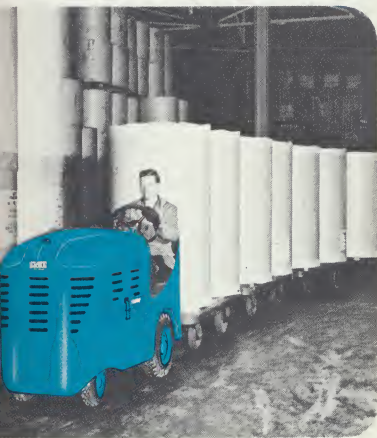
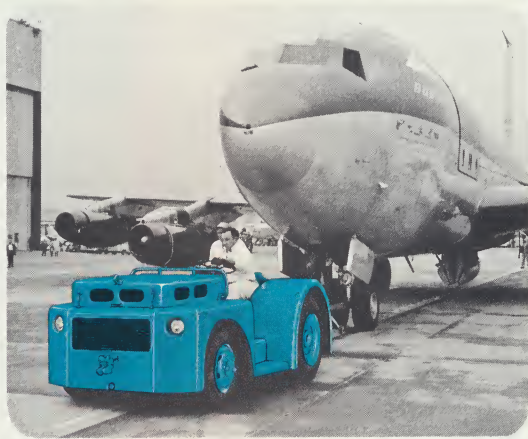
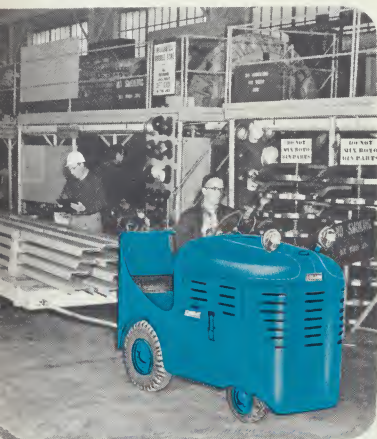
- 1 Clarkette 7
- 2 Clarkat 20
- 3 Clarktor 20

- Clarkat 26
- Clarkat 30
- Clarktor 30

- Clarktor 40
- Clarktor 50
- Clarktor 80

OF INDUSTRIAL TOW TRACTORS

inside a dry warehouse or
port, there is a Clark tow



Clarktor 40
Clarktor 50
Clarktor 80

Clarktor 120
Clarktor 225
Clarktor 300

the **CLARKTOR 225-300** for the jet age!



SPEEDS UP TO 32.6 MPH.

GREATER MANEUVERABILITY is achieved through the combination of short wheelbase and reduced over-all length.

HYDRAULIC POWER STEERING is continuous follow-up type.

THREE STEERING COMBINATIONS at driver's option: two wheel front; four wheel conventional; and four wheel oblique.

FOUR WHEEL DRIVE with front axle disconnect.

FULLY AUTOMATIC ALLISON TRANSMISSION. Six speeds forward with torque converter lockup through 2nd, 4th, 5th, and 6th gears offer maximum fuel economy and operating efficiency.

CLARK PLANETARY DRIVE AXLES eliminate axle windup; reduce torsional and shock stresses on the power train.

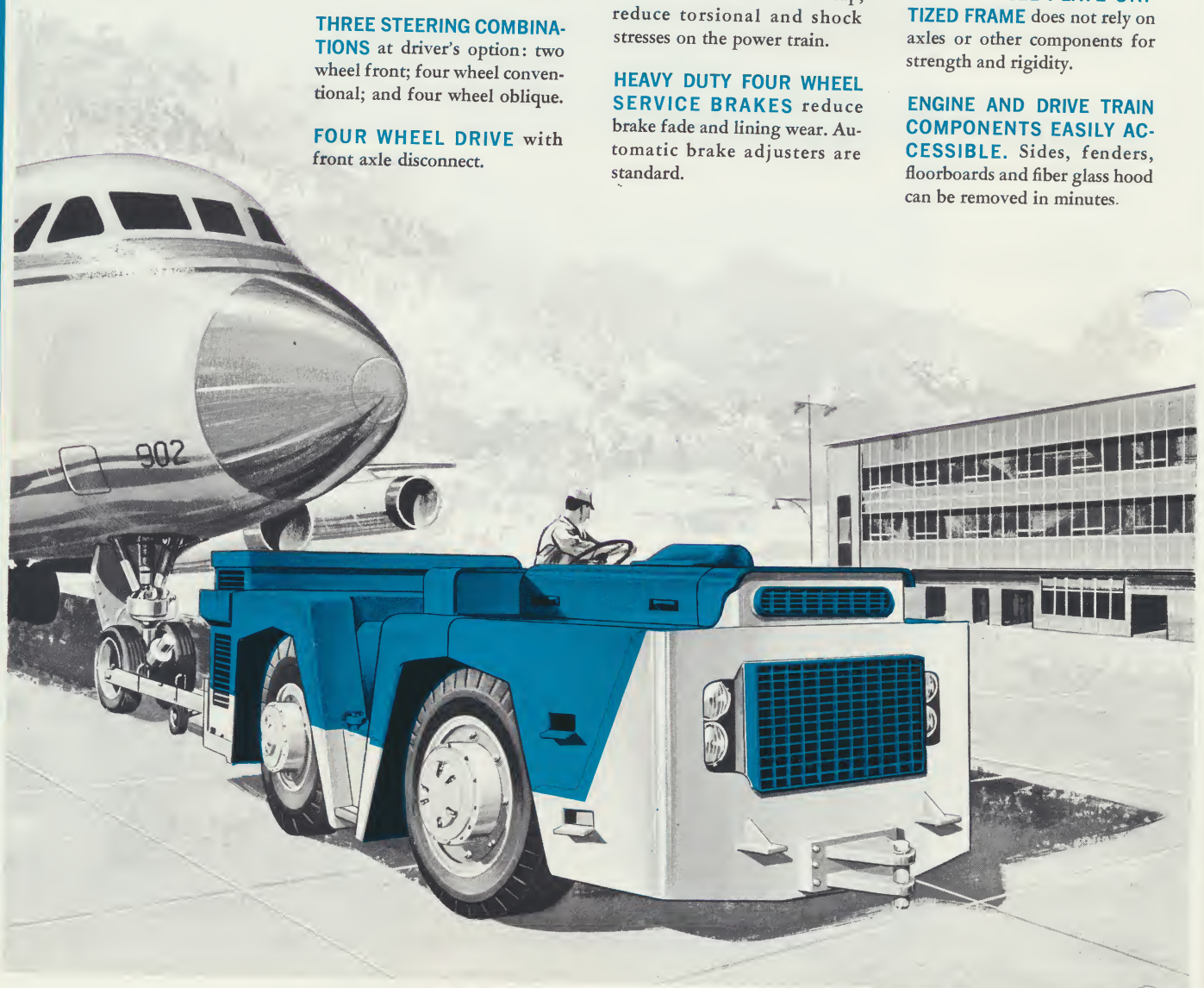
HEAVY DUTY FOUR WHEEL SERVICE BRAKES reduce brake fade and lining wear. Automatic brake adjusters are standard.

FULLY ADJUSTABLE BUCKET SEAT assures maximum driver comfort and operating efficiency.

GROUND POWER UNIT can be accommodated without modification up to 90 KVA.

HEAVY STEEL PLATE UNITIZED FRAME does not rely on axles or other components for strength and rigidity.

ENGINE AND DRIVE TRAIN COMPONENTS EASILY ACCESSIBLE. Sides, fenders, floorboards and fiber glass hood can be removed in minutes.



**CLARK
EQUIPMENT**

Industrial Truck Division
Battle Creek, Michigan

GAS/DIESEL/ELECTRIC FORK LIFTS
ELECTRIC NARROW AISLE TRUCKS
ELECTRIC HAND TRUCKS/STRADDLE CARRIERS
TOWING TRACTORS/COMPLETE LINE OF HANDLING DEVICES

SP4080 86550MC

PRINTED IN U.S.A.

CLARK® ELECTRIC POWRWORKER®

Powered by silent, fume-free electricity, these versatile units can mechanize many material handling functions which space or budget limitations formerly relegated to costly hand operations.

CLARK® ELECTRIC POWRWORKERS®

MODEL	Capacity	Fork or Platform Length	Fork Lift Height	Down Height	Overall Length Less Forks or Platform	Service Weight Less Batteries	OA W Forks or Platform	Fork Width
P-30	3000	48	4	3¼	26¾	1070	27	7
P-40	4000	30 to 72†	4	3¼	26¾ or 31¾	1140	20 to 23 22 to 30	9¼ 7
P-60	6000	30 to 72†	4	3¼	26¾ or 31¾	1160	20 to 23 22 to 30	9¼ 9¼
40-AP	4000	36 to 48†	106‡ & 130‡	3¼	31½ or 37½	3310	24 to 30	
PF-40	4000	36 to 72†	4	6,7,9,10 & 11	26¾ or 32¼	1100	18,24,26,30	
PF-60	6000	36 to 72†	4	6,7,9,10 & 11	26¾ or 32¼	1135	18,24,26,30	
PF-80	8000	42 to 96†	4	7,9,10 & 11	26¾ or 32¼	1150	24,26,30	
PF-100	10000	42 to 96†	4	7,9,10 & 11	26¾ or 32¼	1185	24,26,30	
40-HP7	4000	36 to 60†	57 or 72	7	32 or 37¼	1925/2025	26	
40-HP11	4000	36 to 60†	57 or 72	11	32 or 37¼	1925/2025	26	
ST-15	1500	30	64/130		61¾	3047*	30	
ST-20	2000	30	64/130		64½	3356*	30	
ST-25	2500	30	64/130		66½	3827*	30	
ST-30	3000	36	64/130		70¾	4948*	36	
ST-40	4000	36	64/130		76¾	5993*	36	
20-STF	2000	30 to 48†	106‡ & 130‡		31¾ or 37	2770*	30 to 36	
40-STF	4000	30 to 48†	106‡ & 130‡		32¾ or 38	3190*	30 to 36	
60-STF	6000	30 to 48†	106‡ & 130‡		40	3910*	30 to 36	
2T	200 DBP					1620		

* With 130" Standard Upr.

† In 6" Increments

‡ Standard Heights

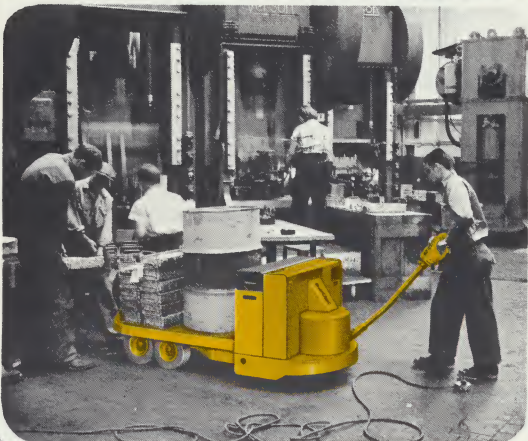
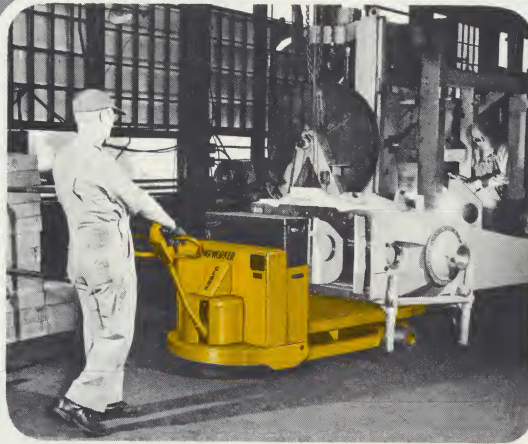
CLARK ELECTRIC POWRWORKER®

CLARK
EQUIPMENT

INDUSTRIAL TRUCK DIVISION / BATTLE CREEK, MICHIGAN

FULL LINE OF 22 MODELS

For horizontal transport there are Low-Lift Pallet, Pallet, Low-Lift Platform, and Tugger models. For both horizontal and vertical transportation, select a Hi-Lift Pallet, Hi-Lift Platform, Stacker or Straddle Stacker model.



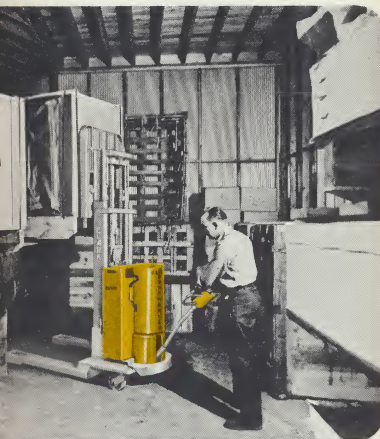
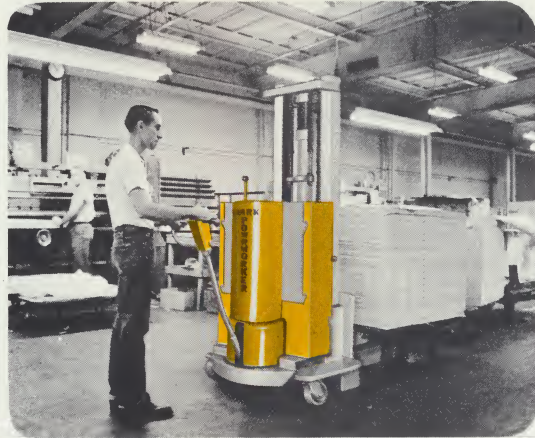
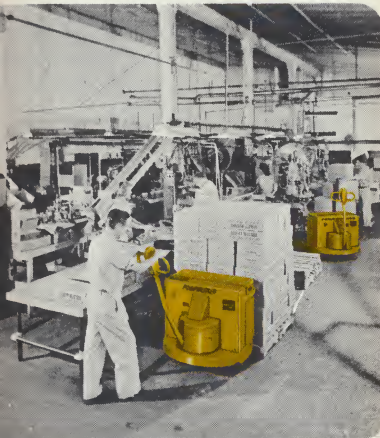
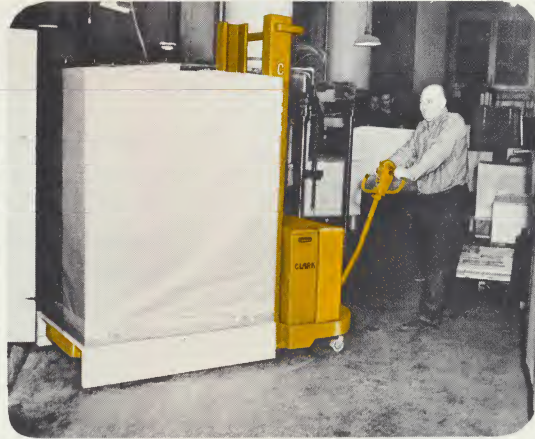
1 PF-40
2 PF-60
3 PF-80

P-30
P-60
40-STF

ST-20
ST-25
ST-40

OF 22 MODELS

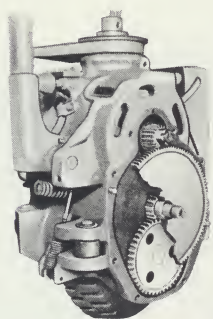
ft Pallet, Pallet, Low-Lift
horizontal and vertical
Lift Platform, Stacker or



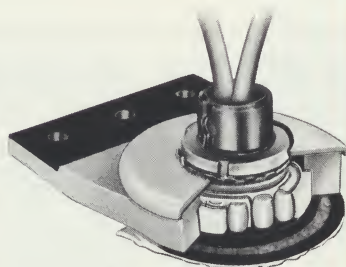
ST-20
ST-25
ST-40

HP7
40-AP
2T

PART OF THE INSIDE STORY OF WHY THE CLARK POWRWORKER® GETS MORE DONE WITH MINIMUM MAINTENANCE AND MAXIMUM EFFICIENCY



1



2

RUGGED GEAR TRAIN

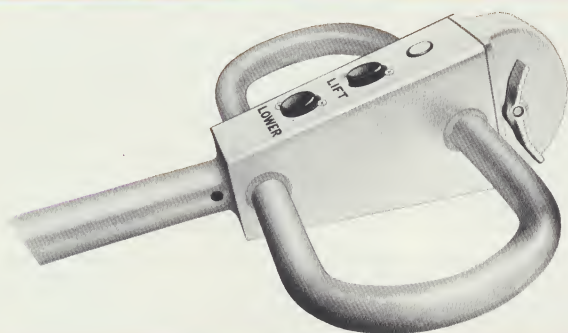
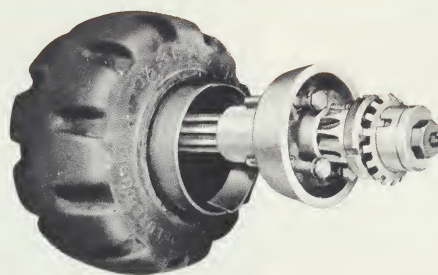
- 1 Rugged Gear Train operates in oil bath within totally enclosed gear case.
- 2 Effortless Steering with big, self-aligning barrel-type bearings carry *thrust* load. Bearings are sealed and self-lubricating for long life.

Four Self-Centering Bearing-Mounted Rollers provide even and constant contact with *radial* load ring in frame. No re-alignment is ever required for positive, easy steering.

DEMOUNTABLE DRIVE WHEEL

10 $\frac{1}{2}$ " x 6" x 5" I.D. drive wheel with pressed-on type deep section cushion tire assures positive traction.

Drive wheel is spline fitted to axle, eliminating wear and looseness between wheel and axle. Service time for removal of drive wheel is less than 15 minutes.



CONTROL HANDLE

Loop-type handle is comfortable to hold and protects operator's hands.

Forward-Reverse control, clearly indicated by arrow, assures moving machine in direction desired. Butterfly control lever is positively notched for 2 speeds; two levers (one on each side) permit either right or left hand operation.

BRAKES THAT STOP

(Two Positions)

Fully UP position: Power off — Brakes applied.
Fully DOWN position: Power off — Brakes applied.

If at any time handle is released it automatically returns to fully up, brake-applied position.



CLARK
EQUIPMENT

Industrial Truck Division
Battle Creek, Michigan

GAS/DIESEL/ELECTRIC FORK LIFTS
ELECTRIC NARROW AISLE TRUCKS
ELECTRIC HAND TRUCKS/STRADDLE CARRIERS
TOWING TRACTORS/COMPLETE LINE OF HANDLING DEVICES

SP4079 86550MC

PRINTED IN U.S.A.

CLARKLIFT®

ELECTRIC POWERED CUSHION TIRES

STANDARD ELECTRIC

MODEL	Capacity at 24 Inch Load Center (pounds)	Turning Radius: (inches)	Overall Width: (inches)	Overall Length to Face of Forks: (inches)	Standard Fork Length* (inches)	Standard Fork Height** MFH/OAHL: (inches)	Machine Weight Without Battery (pounds)
ETR	1,000	58	28 5/8	54 1/2	30	84/61	1,812
NST-15	1,500	44 1/2	35 1/16	51 1/2	30	106/71	3,340
EC-20	2,000	62	34 1/2	67 1/2	32	130/83	3,610
ECLS-20	2,000	63	34 1/2	68 1/4	32	106/71	3,210
NST-20	2,000	44 1/2	35 1/16	51 1/2	30	106/71	3,963
EC-25	2,500	64	34 1/2	69 1/2	32	130/83	3,745
ECLS-25	2,500	64 1/2	34 1/2	70 1/2	32	106/71	3,880
NST-25	2,500	44 1/2	35 1/16	51 1/2	30	106/71	4,337
EC-30	3,000	66 3/4	38	73 7/8	40	130/83	5,185
ECLS-30	3,000	73	38 1/2	78 7/8	40	106/71	4,905
NST-30	3,000	51	33 11/16	58 1/2	30	106/71	4,702
EC-40	4,000	70	38	77 3/8	40	130/83	5,965
ECLS-40	4,000	76	38 1/2	82 7/8	40	106/71	5,560
NST-40	4,000	61	33 11/16	68 1/2	30	106/71	4,843
EC-50	5,000	74 1/2	42	81	42	130/83	7,975
EC-60	6,000	74 1/2	44	81 1/4	42	130/83	9,020
EC-70	7,000	80	46	85 3/4	42	123/83	10,020
EUT-80	8,000	85	46	91 1/2	42	124/83	9,840
EUT-100	10,000	88	51	96 1/2	42	98/83	11,700

*Other fork lengths available.

**For information on other available heights — contact factory.

NARROW AISLE ELECTRIC

MODEL	Capacity (pounds)	Overall Length to Face of Forks (inches)	Distance Between Outriggers (inches)	Overall Width (inches)	Standard Fork Height MFH/OAHL (inches)	Pantograph Reach (inches)	Machine Weight Without Battery (pounds)
NS-20	2,000	33 1/8	27/56	35/64	130/83		2,610
NSP-20	2,000	38 3/8	27/56	35/64	128/83	26 1/2	3,480
NS-30	3,000	35 1/4	27/56	35/64	130/83		2,950
NSP-30	3,000	38 7/8	27/56	35/64	128/83	26 1/2	3,540
NS-40	4,000	35 1/4	27/56	35/64	130/83		2,950
NSP-40	4,000	42 1/8	32/50	45/63	125/83	26 1/2	4,040

Standard fork lengths on models NS-20, NSP-20, NS-30, NSP-30, NS-40 and NSP-40 are: 30", 36", 40" and 48".

CLARKLIFT® GAS POWERED TRUCKS - PNEUMATIC TIRES
ELECTRIC LIFT TRUCKS

CLARK®
EQUIPMENT

INDUSTRIAL TRUCK DIVISION / BATTLE CREEK, MICHIGAN

FULL LINE OF QUIET FUME-FR

Each of the 25 basic models are equipped with the famous CLARK-LIFT Upright that sets the standards for vertical transport equipment in the industry.



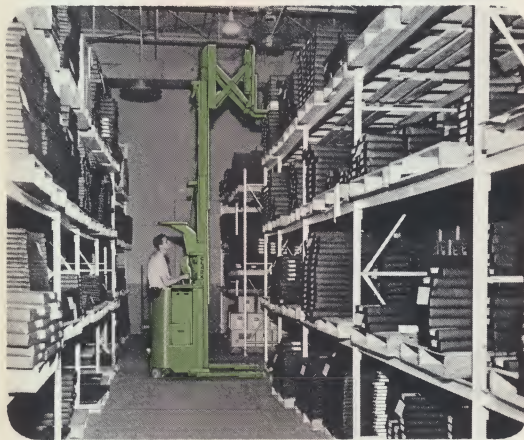
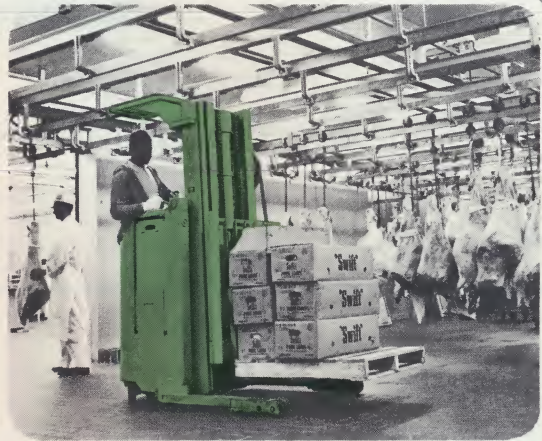
- 1 EC-20
- 2 ECLS-20
- 3 EC-30

- EC-40
- ECLS-40
- EC-50

- NST-15
- NSP-20
- NS-30

OF QUIET FUME-FREE ELECTRIC LIFT TRUCKS

with the famous CLARK-
vertical transport equip-



NST-15
NSP-20
NS-30

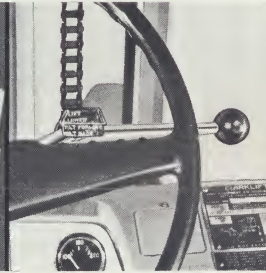
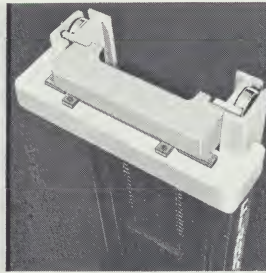
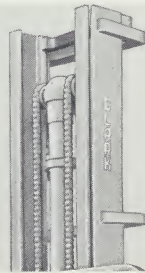
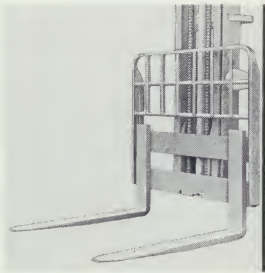
NSP-30
NSP-40
EUT-80

VALUE FEATURES

CLARKLIFT®

ELECTRIC TRUCKS

1 2 3 4



1 UNIVERSAL FORKS

Tapered 22" for pallet or chisel operation. New sheltered snap action fork spacing latch for fast, easy adjustment of forks.

2 FASTER LIFTING SPEEDS

Lifting time is cut by one-third . . . increasing the efficiency of high-cycle operations.

3 NESTED, ROLLER TYPE UPRIGHT

Offers the strongest, most efficient upright obtainable. Leak-proof piston type lift cylinder; flow regulator to control lowering speeds; roller bearing mounted, nested construction with locked-in "I" beam inner rails.

4 ONE CONTROL LEVER FOR LIFT AND TILT

Directional in operation. Full feathering valves for gentle starts and stops.

5 EASY STEERING

through exceptional weight distribution, longer wheel base.

6 FINAL GEAR REDUCTION AT DRIVE WHEELS

reduces axle shaft windup, multiplies torque at each wheel, both drive and brake.

7 HYDRAULIC BRAKES

Hydraulic spot disc brakes on 50, 60 and 70 models provide powerful braking. No sudden "grabbing" of the brakes. Water and dust will not affect the smooth, positive braking action.

8 DEAD MAN BRAKE

Mounted on drive motor armature shaft. Applies automatically when driver leaves seat.

9 DRIVE WHEELS

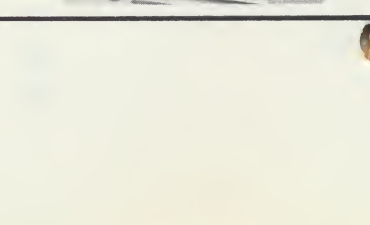
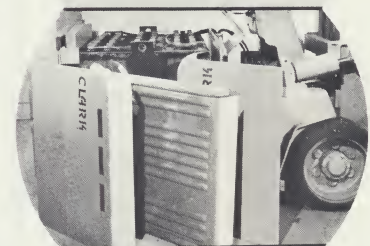
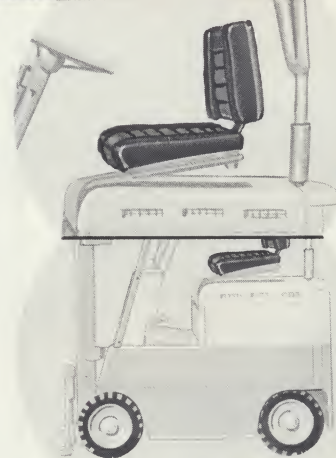
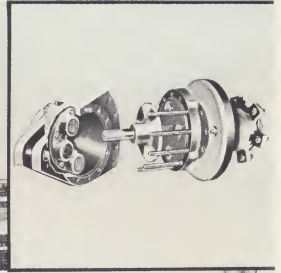
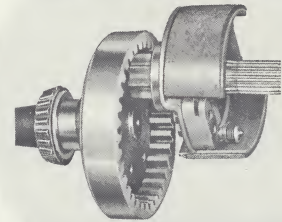
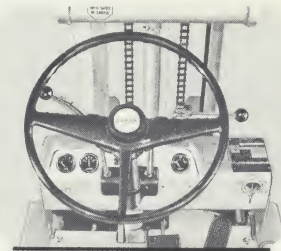
Drive wheel reduction gear and bearings are totally enclosed and remain in hub when wheel is removed.

10 BATTERY COMPARTMENT COVER

Cover and side panels easily removable for top and side loading of battery.

11 EXTRA-WIDE SEAT DELUXE SEAT

Deep cushioned, fully adjustable bucket seat gives firm, comfortable support . . . keeps driver fresh and alert, able to fully concentrate on his job.



5

6

7

8

9

10

11



Industrial Truck Division
Battle Creek, Michigan

GAS/DIESEL/ELECTRIC FORK LIFTS
ELECTRIC NARROW AISLE TRUCKS
ELECTRIC HAND TRUCKS/STRADDLE CARRIERS
TOWING TRACTORS/COMPLETE LINE OF HANDLING DEVICES

From the capable, economical 2,000-pound capacity model through the 70,000-pound capacity machine, every CLARKLIFT truck has been built to the same, demanding specifications that has made Clark the acknowledged leader in the material handling field.

CLARKLIFT®

GAS POWERED PNEUMATIC TIRES

CLARKLIFT® GAS POWERED FORK LIFT TRUCKS WITH PNEUMATIC TIRES

MODEL	Capacity (lbs.) and Load Center	Turning Radius	Overall Width	Overall Length to Face of Forks	Standard Fork Length*	Standard Fork Height** MFH/OAHL (max.)	Est. Service Weight
CY-20**	2,000/24"	74	37½	83½	32	130/84½	4,780
C-20P*	2,000/24"	64	36	74¾	32	130/85¼°	4,918
CY-30**	3,000/24"	77¾	41⅞	89⅞	40	130/84½	6,000
IT-30***	3,000/24"	123	65½	110	40	147/100	5,800
CY-40**	4,000/24"	85	45⅝	96⅝	40	130/84¾°	7,445
CR-40***	4,000/24"	163¾	72	155⅞	42	145/102	8,700
IT-40***	4,000/24"	123	65½	144	40	147/100	6,550
CY-50**	5,000/24"	88⅝	45⅝	100⅝	40	130/87½	8,285
CY-60†**	6,000/24"	98	50⅝	108	42	123/86½°	10,810
CR-60***	6,000/24"	163¾	72	157⅞	42	144/102	10,750
IT-60	6,000/24"	152	74	147	42	145/105	10,940
CY-70†**	7,000/24"	100	50⅝	110	42	123/86½°	11,730
CY-80†**	8,000/24"	108	50⅝	118	42	123/86½°	12,200
CY-100‡	10,000/24"	130	76¾	135⅞	48	112/89	15,140
CY-120‡	12,000/24"	130	76¾	136⅞	48	112/89	17,040
CY-160	16,000/24"	158	94	168	48	210/154	23,300
CY-165	16,500/24"	158	94	168	48	210/154	23,700
CY-180	18,000/24"	158	94	168	48	210/154	24,200
CHY-180WP	18,000/24"	179	95¾	193¾	48	210/158½	25,100
CY-200S	20,000/24"	158	94	169¾	48	210/157	27,800
CY-200L	20,000/24"	177	96	190¾	48	210/157	26,200
CY-225	22,500/24"	177	96	190¾	48	210/158	27,750
CY-250	25,000/25"	177	96	190¾	48	210/158	28,800
CY-350	35,000/36"	240	125	241½	72	120/183	47,300
CY-400	40,000/36"	240	125	241½	72	120/183	51,500
CY-450	45,000/36"	264	125	266	72	120/183	55,400
CY-500	50,000/36"	264	125	266	72	120/183	56,100
CR-700	70,000/48"	338	136	346½	96	144/231	93,600

Hydratork automatic transmission is standard equipment on all models except as noted***.

†Hydracool clutch available

*Friction clutch optional.

*C-20P (only) equipped with pneumatic drive tires and cushion steer tires.

‡Diesel engine optional.

***Friction clutch only.

•Other fork lengths available.

••For information on other available heights contact dealer. Dual drive tires optional on all models except C-20P.

All models available with LPG.

Clarklift, Hydratork and Hydracool are trade marks of Clark Equipment Company.

°To top of guard.

CLARK®
EQUIPMENT

INDUSTRIAL TRUCK DIVISION / BATTLE CREEK, MICHIGAN

CLARKLIFT® GAS POWERED TRUCKS - PNEUMATIC TIRES

FULL LINE PROVIDES GREATER FLEXIBILITY . . .



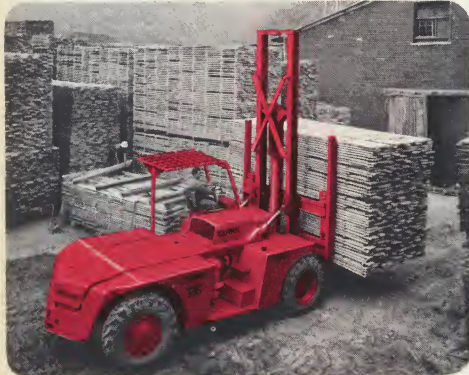
1 CY-20
2 C-20P
3 CY-30
4 CY-50

CY-60
CY-70
CY-80
CY-100

CY-160
CY-180
CHY-180WP
CY-200

FLEXIBILITY . . .

With 22 basic models and dozens of CLARKLIFT Application-Engineered handling devices to choose from there's a CLARKLIFT Gas Powered truck to fit almost every material handling need.



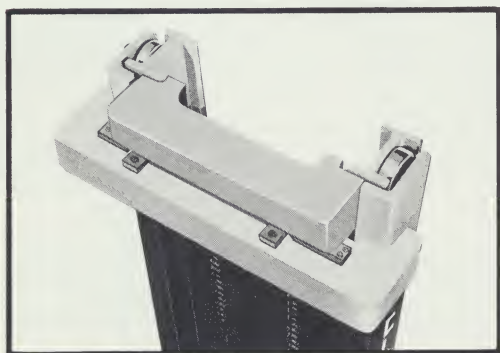
50
80
180WP
00

CY-250
CY-350
IT-30
IT-40

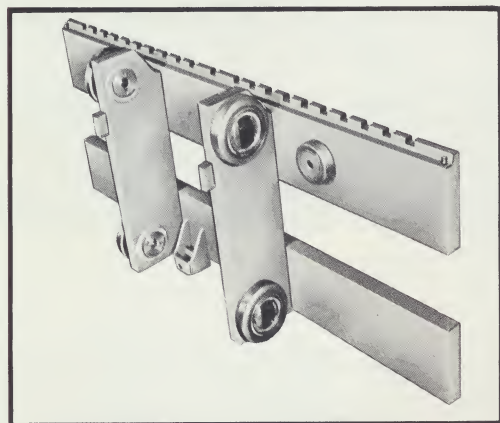
IT-60
CR-40
CR-60
CR-700

THE CLARKLIFT® UPRIGHT...

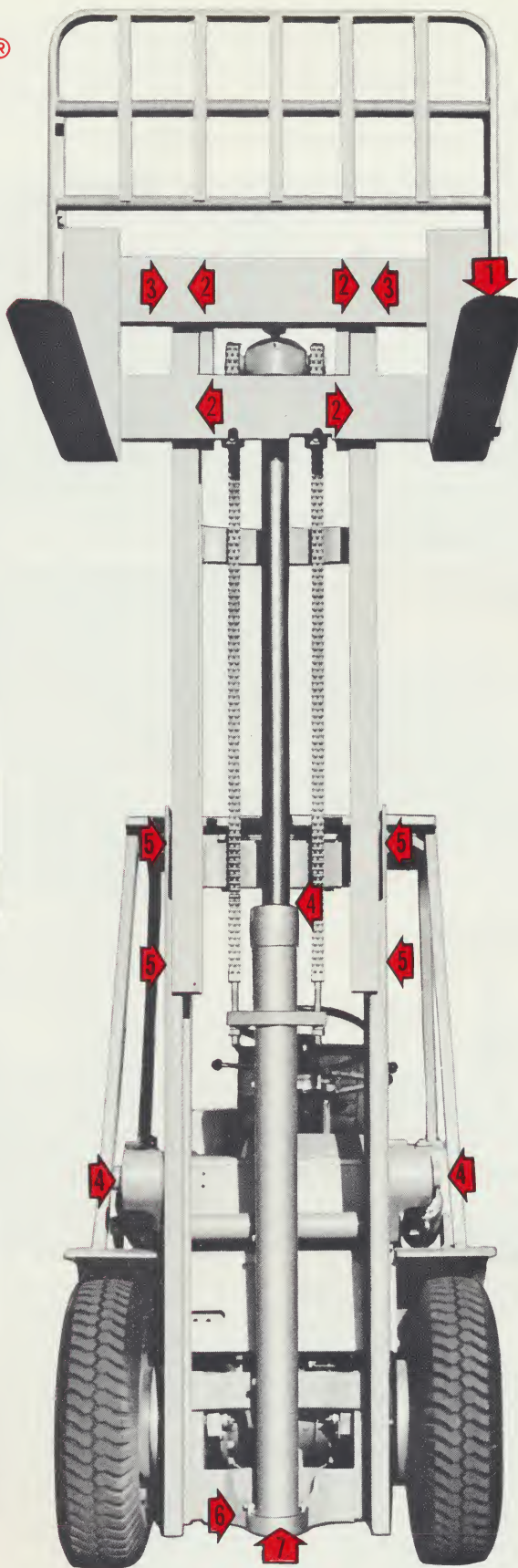
is the finest engineered in the industry! Forks and load remain "rock steady" at maximum height. Tilt lock valve prevents upright drift; modulating flow regulator lowers heavy loads slower, safer. Self-aligning rear bushings permit tilt cylinders to "float." Easily removed shims permit external adjustment of gland packings on tilt cylinders. Nested, extra strength, custom rolled steel channels and "I" beams glide on self-lubricated rollers to provide maximum retainment and rigidity throughout entire lifting cycle. No wear strips.



NESTED SECTIONS of roller type upright are of custom rolled steel, made to Clark specifications, to reduce metal fatigue and distortion in the area of greatest wear in an upright.



FORK CARRIAGE — Heavy duty, all welded construction. Upright and lateral thrust rollers, including two rail retainment rollers, assure free-rolling action.



- 1 **EXTRA-STRENGTH FORKS**, upset forged and heat treated, provide full-section strength at the heel. Bottom taper and chisel tips permit palletless pick-up. Forks adjust easily and snap-lock securely into place.
- 2 **CARRIAGE THRUST ROLLERS**, fully adjustable for wear, designed to withstand off-center loading.
- 3 **RAIL RETAINING ROLLERS** minimize binding and distortion of upright rails caused by off-center loading.
- 4 **BRONZE ROD WIPERS** on lift and tilt cylinders keep foreign matter from packings — extend packing life.
- 5 **WIDESPREAD ANTI-FRICTION ROLLERS**, fixed to top of rails and to bottom of "I" beam, reduce stresses on upright and rollers. Maximum upright retainment is maintained throughout the lifting cycle. Simple adjustment maintains tolerances.
- 6 **FREE-FLOAT MOUNTING OF PISTON-TYPE LIFT CYLINDER** protects against damage, minimizes side strains.
- 7 **EXCLUSIVE MODULATING FLOW-CONTROL REGULATOR** causes forks to lower slower when loaded than when empty. A safety-plus feature.

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EQUIPMENT**

Industrial Truck Division
Battle Creek, Michigan

GAS/DIESEL/ELECTRIC FORK LIFTS
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